



A report of Working Group I of the Intergovernmental Panel on Climate Change: Summary for policymakers

Author(s): Intergovernmental Panel on Climate Change (IPCC)
Book: Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change
Year: 2007
Publisher: Cambridge University Press (Cambridge, England)

Abstract:

The Working Group I contribution to the IPCC Fourth Assessment Report describes progress in understanding of the human and natural drivers of climate change, observed climate change, climate processes and attribution, and estimates of projected future climate change. It builds upon past IPCC assessments and incorporates new findings from the past six years of research. Scientific progress since the Third Assessment Report (TAR) is based upon large amounts of new and more comprehensive data, more sophisticated analyses of data, improvements in understanding of processes and their simulation in models and more extensive exploration of uncertainty ranges.

Source: <http://www.ipcc.ch/pdf/assessment-report/ar4/wg1/ar4-wg1-spm.pdf>

Resource Description

Climate Scenario :

specification of climate scenario (set of assumptions about future states related to climate)

Special Report on Emissions Scenarios (SRES)

Special Report on Emissions Scenarios (SRES) Scenario: SRES A1, SRES A2, SRES B1, SRES B2

Communication:

resource focus on research or methods on how to communicate or frame issues on climate change; surveys of attitudes, knowledge, beliefs about climate change

A focus of content

Communication Audience:

audience to whom the resource is directed

Policymaker

Exposure :

Climate Change and Human Health Literature Portal

weather or climate related pathway by which climate change affects health

Air Pollution, Extreme Weather Event, Food/Water Quality, Glacier/Snow Melt, Meteorological Factors, Precipitation, Sea Level Rise, Solar Radiation, Temperature, Unspecified Exposure

Air Pollution: Ozone, Particulate Matter

Extreme Weather Event: Drought, Hurricanes/Cyclones

Food/Water Quality: Other Water Quality Issue

Water Quality (other): Ocean temperature; Ocean acidity

Temperature: Extreme Cold, Extreme Heat, Fluctuations

Geographic Feature:

resource focuses on specific type of geography

Arctic, Urban

Geographic Location:

resource focuses on specific location

Global or Unspecified

Health Impact:

specification of health effect or disease related to climate change exposure

Health Outcome Unspecified

Model/Methodology:

type of model used or methodology development is a focus of resource

Exposure Change Prediction

Resource Type:

format or standard characteristic of resource

Review

Socioeconomic Scenario: SES scenarios

Timescale:

time period studied

Long-Term (>50 years)